

SEQ ID NO:1 - Sequence Comparison

AAZ00836

ID AAZ00836 standard; cDNA; 1566 BP.

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AC AAZ00836;

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DT 12-OCT-1999 (first entry)

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DE Human secreted protein cDNA encoding gene 35.

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KW Secreted protein; prevention; treatment; protein therapy; gene therapy;
 KW diagnosis; cancer; tumour; neurodegenerative disorder; blood disorder;
 KW developmental abnormality; fetal deficiency; leukemia; autoimmune; acne;
 KW hepatic disease; renal disease; lymphoma; inflammation; allergy; asthma;
 KW Alzheimer's disease; cognitive disorder; schizophrenia; obesity; sepsis;
 KW osteoporosis; arthritis; infection; AIDS; connective tissue disorder;
 KW transplant rejection; diabetes; psoriasis; cardiovascular disorder;
 KW reproductive disorder; food additive; food preservative; human; primer;
 KW early promoter; GAS; gamma activation element; ss.

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OS Homo sapiens.

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PN WO9940100-A1.

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PD 12-AUG-1999.

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PF 04-FEB-1999; 99WO-US02293.

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PR 09-FEB-1998; 98US-0074341.

PR 09-FEB-1998; 98US-0074037.

PR 09-FEB-1998; 98US-0074118.

PR 09-FEB-1998; 98US-0074141.

PR 09-FEB-1998; 98US-0074157.

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PA (HUMA-) HUMAN GENOME SCI INC.

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PI Kyaw H, Lafleur DW, Moore PA, Rosen CA, Ruben SM;

PI Shi Y, Wei Y;

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DR WPI; 1999-479426/40.

DR P-PSDB; AAY30845, AAY80912.

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PT New isolated human genes potentially useful for, e.g. developmental
 PT abnormalities and fetal deficiencies

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PS Claim 1a; Page 195; 263pp; English.

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CC This invention describes novel isolated human genes and the secreted
 CC proteins they encode. The polynucleotides and their corresponding
 CC secreted polypeptides are useful for preventing, treating or
 ameliorating
 CC medical conditions e.g. by protein or gene therapy. Also pathological
 CC conditions can be diagnosed by determining the amount of the new
 CC polypeptides in a sample or by determining the presence of mutations in
 CC the new polynucleotides. Specific uses are described for the
 CC polynucleotides of the invention based on which tissues they are most

CC highly expressed in, and include developing products for the diagnosis
 or
 CC treatment of cancer, tumours, neurodegenerative disorders, developmental
 CC abnormalities and fetal deficiencies, blood disorders, leukemias,
 CC diseases of the immune system, autoimmune diseases, hepatic and renal
 CC disease, lymphomas, inflammation, allergies, Alzheimer's and cognitive
 CC disorders, schizophrenia, obesity, osteoporosis, arthritis, infections,
 CC AIDS, connective tissue disorders, transplant rejection, diabetes,
 CC asthma, sepsis, acne, psoriasis, cardiovascular disorders, and
 CC reproductive disorders. The polypeptides or polynucleotides can also be
 CC used as food additives or preservatives. The polypeptide are also useful
 CC for identifying their binding partners. This sequence encodes a
 CC secreted protein described in the invention.
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 SQ Sequence 1566 BP; 296 A; 498 C; 430 G; 333 T; 9 other;

Query Match 19.5%; Score 256; DB 20; Length 1566;
 Best Local Similarity 100.0%; Pred. No. 4.2e-111;
 Matches 256; Conservative 0; Mismatches 0; Indels 0; Gaps
 0;

Qy 1056 ccacagtggcatttctgttaacatccaggacttggccccgtcctgcgccggcctttctgtt 1115
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 193 ccacagtggcatttctgttaacatccaggacttggccccgtcctgcgccggcctttctgtt 252

 Qy 1116 tgggtgtggccaacacagccggggccttggcaggtgtcgtgggtgtgtgtctaggcggcta 1175
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 253 tgggtgtggccaacacagccggggccttggcaggtgtcgtgggtgtgtgtctaggcggcta 312

 Qy 1176 cttgatggagaccacgggctcctggacttgctgttcaaccttgtggccatcatcagcaa 1235
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 313 cttgatggagaccacgggctcctggacttgctgttcaaccttgtggccatcatcagcaa 372

 Qy 1236 cctggggctgtgcaccttctgtgtttggacaggctcagaggggtggacctgagctctac 1295
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 373 cctggggctgtgcaccttctgtgtttggacaggctcagaggggtggacctgagctctac 432

 Qy 1296 ccatgaggacctctag 1311
 ||||||||||||||||
 Db 433 ccatgaggacctctag 448